

530, 855

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 April 2004 (29.04.2004)

PCT

(10) International Publication Number
WO 2004/035050 A1

(51) International Patent Classification⁷: **A61K 31/427, A61P 5/00, 5/18, 35/00**

(74) Agents: HOXIE, Thomas et al.; Novartis AG, Corporate Intellectual Property, CH-4000 Basel (CH).

(21) International Application Number:

PCT/IB2003/004514

(22) International Filing Date: 13 October 2003 (13.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/418,592 15 October 2002 (15.10.2002) US

(71) Applicant (*for all designated States except US*): BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE [US/US]; Office of the Vice Chancellor for Academic Affairs, 433 Bolivar Street, Room 824, New Orleans, LA 70112 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SY, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW.

(84) Designated States (*regional*): Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

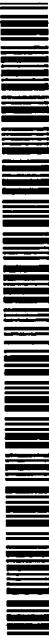
Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

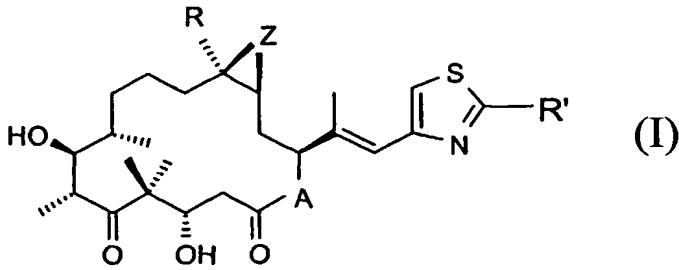
(72) Inventor; and

(75) Inventor/Applicant (*for US only*): WOLTERING, Eugene, A. [US/US]; 30 Chateau Pontet Canet, Kenner, LA 70065 (US).



WO 2004/035050 A1

(54) Title: USE OF EPOTHILONE DERIVATIVES FOR THE TREATMENT OF HYPERPARATHYROIDISM



(I)

(57) Abstract: The present invention relates to a method of treating a warm-blooded animal, especially a human, having hyperparathyroidism comprising administering to said animal a therapeutically effective amount of an epothilone derivative of formula (I) or a pharmaceutically acceptable salt thereof.